

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/000999

A. CLASSIFICATION OF SUBJECT MATTER					
IPC 7	G11B5/842	G11B5/712	H01F41/16	H01F10/00	H01F1/00

A61K9/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B H01F A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PAUL CALVERT: "Inkjet Printing for Materials and Devices" CHEM. MATER., vol. 13, 9 December 2001 (2001-12-09), pages 3299-3305, XP002284900 cited in the application the whole document -----	1-3, 6, 7, 13, 14, 26-29, 35, 36, 48-51, 57, 58, 61, 70, 71, 85, 86
A	EP 1 217 616 A (NANOMAGNETICS LTD) 26 June 2002 (2002-06-26)	1, 3-5, 17-21, 26, 40-43, 48, 61, 65, 66
X	claims 1,3-8 paragraphs [0001], [0009] -----	85, 86 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "V" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
18 June 2004	07.07.2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3016	Stichauer, L

INTERNATIONAL SEARCH REPORT

PCT/GB2004/000999

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 361 161 B1 (CARLTON DONN B ET AL) 26 March 2002 (2002-03-26) claims 1,3,6 column 1, line 46 - column 5, line 65 -----	1,2,17, 26,27, 40,48, 49,61, 62,65, 85,86
A	WO 96/22533 A (FIRST MEDICAL INC) 25 July 1996 (1996-07-25) cited in the application claims 1,2,4,8,15-17,19,23,25 page 4, line 21 - line 25 page 8, line 34 - line 37 page 11, line 35 - page 13, line 2 -----	1,2, 10-14, 26,27, 32-36, 48,49, 54-58, 70,71, 74-78
A	US 2003/048341 A1 (STEARNS RICHARD G ET AL) 13 March 2003 (2003-03-13) claims 1,4,15,16,42,116,124,130,136,142 paragraphs [0050], [0057], [0061], [0062], [0077], [0082], [0106] example 4 -----	1,8-11, 26, 30-33, 48, 52-55, 61-63, 70, 72-75,85
A	US 2001/055669 A1 (GOLDWASSER ISY ET AL) 27 December 2001 (2001-12-27) claims 13,16-19,21,31-33,53,54,59,87,92-95,97,101 paragraphs [0004], [0012], [0017] - [0019], [0066], [0073], [0092], [0130] - [0136], [0176], [0177], [0225] - [0227] tables I,VI -----	1,2,10, 11,26, 27,32, 33,48, 49,54, 55,61, 62,70, 71,74, 75,85,86

-/-

INTERNATIONAL SEARCH REPORT

PCT/GB2004/000999

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	RODA A ET AL: "Protein microdeposition using a conventional ink-jet printer" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US, vol. 28, no. 3, March 2000 (2000-03), pages 492-496, XP002164952 ISSN: 0736-6205 cited in the application the whole document -----	70-80

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-25,85-86

a known method used to form a magnetic recording device, and magnetic recording device obtainable by said method

2. claims: 26-47,48-69

a method of forming a magnetisable film or a film of inorganic nanoparticles, said method characterized by using a suspension of magnetisable or inorganic nanoparticles, each having been formed within a protein shell

3. claims: 70-84

a method of forming a protein thin film, said method characterized by including a membrane filtration step

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2004/000999

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of Invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT
Information on patent family members

PCT/GB2004/000999

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 1217616	A	26-06-2002	GB 2319253 A EP 1217616 A2 AT 222017 T AU 4960097 A BR 9713083 A CA 2271970 A1 CN 1238059 A ,B DE 69714602 D1 DE 69714602 T2 EP 0938728 A1 WO 9822942 A1 HK 1022207 A1 JP 2001504277 T KR 2000053057 A US 2003189791 A1		20-05-1998 26-06-2002 15-08-2002 10-06-1998 18-01-2000 28-05-1998 08-12-1999 12-09-2002 03-04-2003 01-09-1999 28-05-1998 25-10-2002 27-03-2001 25-08-2000 09-10-2003
US 6361161	B1	26-03-2002	NONE		
WO 9622533	A	25-07-1996	AU 4698096 A WO 9622533 A1		07-08-1996 25-07-1996
US 2003048341	A1	13-03-2003	US 2002061258 A1 EP 1352112 A1 WO 02066713 A1 US 2002191048 A1 AU 2433602 A AU 9311101 A AU 9473301 A CA 2423063 A1 CA 2423068 A1 EP 1324823 A2 EP 1337325 A2 WO 0224323 A2 WO 0224324 A2 WO 0224325 A2 US 2003052943 A1 US 2003138852 A1 US 2002085063 A1 US 2002061598 A1 US 2002037579 A1 US 2002037527 A1		23-05-2002 15-10-2003 29-08-2002 19-12-2002 02-04-2002 02-04-2002 02-04-2002 28-03-2002 28-03-2002 09-07-2003 27-08-2003 28-03-2002 28-03-2002 28-03-2002 20-03-2003 24-07-2003 04-07-2002 23-05-2002 28-03-2002 28-03-2002
US 2001055669	A1	27-12-2001	US 6326090 B1 US 5776359 A US 5985356 A US 2003134089 A1 US 6004617 A US 6045671 A AU 3957795 A CA 2202286 A1 CN 1181055 A ,B EP 0789671 A1 EP 1002572 A2 EP 1002573 A2 EP 0992281 A2 JP 10512840 T NO 971777 A US 2002119243 A1		04-12-2001 07-07-1998 16-11-1999 17-07-2003 21-12-1999 04-04-2000 06-05-1996 25-04-1996 06-05-1998 20-08-1997 24-05-2000 24-05-2000 12-04-2000 08-12-1998 18-06-1997 29-08-2002

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/000999

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2001055669	A1	WO	9611878 A1	25-04-1996
		US	6410331 B1	25-06-2002
		US	6346290 B1	12-02-2002
		US	6420179 B1	16-07-2002
		US	2003100119 A1	29-05-2003
		US	2003219906 A1	27-11-2003
		US	6419881 B1	16-07-2002
		US	6440745 B1	27-08-2002
		US	2004014077 A1	22-01-2004
		US	6649413 B1	18-11-2003
		US	6686205 B1	03-02-2004
		US	2001055775 A1	27-12-2001